Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1589	wong-s$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:57
S9	2	ludtke-j$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:58
S8	63	monahan-sea$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:58
S7	115	monahan-s$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:58
S6	257	wolff-jo$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:58
S5	0	wolff-jon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:58
S4	578	wolff-j$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:58
S3	1	wong-so.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:58
S14	11	sebestyen-m$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:59

S13	9	wakefield-darr$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:59
S12	86	wakefield-d$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:59
S11	10	higgs-l$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:59
S10	1	higgs-lo$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 07:59
S1	12	sokoloff-a$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 08:07
S15	5	"6103239"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 08:15
S16	6	"444662".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 13:24
S17	4424	"T7" SAME phage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/07 13:25
S18	4	"T7" SAME phage AND tail ADJ fiber ADJ protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:01
L1	0	514/12.ccls. AND "T7" ADJ phage SAME interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:02

L3	43	514/44.ccls. AND "T7" ADJ phage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:03
L2	45	514/12.ccls. AND "T7" ADJ phage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:03
L4	0	514/44.ccls. AND "T7" ADJ phage AND interferon.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:04
L5	14	514/44.ccls. AND "T7" ADJ phage AND interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:10
L6	0	hepatocyte SAME "T7" ADJ phage SAME interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:11
L7	2	hepatocyte SAME "T7" ADJ phage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:35
L8	0	530/300,350.ccls. AND hepatocyte SAME "T7" ADJ phage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:36
L9	6	530/300,350.ccls. AND hepatocyte AND "T7" ADJ phage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:39
L10	6	interferon SAME hepatocyte AND "T7" ADJ phage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 09:59
L11	7	"782075".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 10:19

L12	363	"T7" SAME liver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 10:20
L13	29	"T7" SAME liver SAME target$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 11:26
L14	2	drug AND targeting AND conjugate AND interferon AND "T7" ADJ protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 11:27
L16	0	drug SAME targeting AND conjugate SAME interferon SAME "T7"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 11:28
L15	0	drug SAME targeting AND conjugate SAME interferon SAME "T7" ADJ protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/15 11:28

```
Connecting via Winsock to STN


Welcome to STN International!  Enter x:x

LOGINID:sssptal653aud

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2          "Ask CAS" for self-help around the clock
 NEWS  3  FEB 25  CA/CAPLUS - Russian Agency for Patents and Trademarks
                  (ROSPATENT) added to list of core patent offices covered
 NEWS  4  FEB 28  PATDPAFULL - New display fields provide for legal status
                  data from INPADOC
 NEWS  5  FEB 28  BABS - Current-awareness alerts (SDIs) available
 NEWS  6  FEB 28  MEDLINE/LMEDLINE reloaded
 NEWS  7  MAR 02  GBFULL: New full-text patent database on STN
 NEWS  8  MAR 03  REGISTRY/ZREGISTRY - Sequence annotations enhanced
 NEWS  9  MAR 03  MEDLINE file segment of TOXCENTER reloaded
 NEWS  10 MAR 22  KOREAPAT now updated monthly; patent information enhanced
 NEWS  11 MAR 22  Original IDE display format returns to REGISTRY/ZREGISTRY
 NEWS  12 MAR 22  PATDPASPC - New patent database available
 NEWS  13 MAR 22  REGISTRY/ZREGISTRY enhanced with experimental property tags
 NEWS  14 APR 04  EPFULL enhanced with additional patent information and new
                  fields
 NEWS  15 APR 04  EMBASE - Database reloaded and enhanced

 NEWS EXPRESS  JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005

=> index bioscience
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    0.21       0.21
```

```
INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
      AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
      BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
      CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005

75 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> bacteriophage(w)T7 AND conjugate
BACTERIOPHAGE(W)T7 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s bacteriophage(w)T7 AND conjugate
          1   FILE AGRICOLA
          1   FILE BIOBUSINESS
          1   FILE BIOENG
          3   FILE BIOSIS
          1   FILE BIOTECHABS
          1   FILE BIOTECHDS
          4   FILE BIOTECHNO
         10   FILE CAPLUS
          6   FILE DGENE
  29 FILES SEARCHED...
          4   FILE EMBASE
          1   FILE ESBIOBASE
          1   FILE FEDRIP
          1   FILE FSTA
          1   FILE GENBANK
          2   FILE IFIPAT
          1   FILE LIFESCI
          8   FILE MEDLINE
          1   FILE PASCAL
          1   FILE PROMT
  61 FILES SEARCHED...
          4   FILE SCISEARCH
          3   FILE TOXCENTER
       1039   FILE USPATFULL
         52   FILE USPAT2

  23 FILES HAVE ONE OR MORE ANSWERS,   75 FILES SEARCHED IN STNINDEX

L1   QUE BACTERIOPHAGE(W) T7 AND CONJUGATE

=> d rank
F1        1039   USPATFULL
F2          52   USPAT2
F3          10   CAPLUS
F4           8   MEDLINE
F5           6   DGENE
F6           4   BIOTECHNO
F7           4   EMBASE
F8           4   SCISEARCH
F9           3   BIOSIS
F10          3   TOXCENTER
F11          2   IFIPAT
F12          1   AGRICOLA
F13          1   BIOBUSINESS
F14          1   BIOENG
```

```
F15          1   BIOTECHABS
F16          1   BIOTECHDS
F17          1   ESBIOBASE
F18          1   FEDRIP
F19          1   FSTA
F20          1   GENBANK
F21          1   LIFESCI
F22          1   PASCAL
F23          1   PROMT


=> file f1, f3, f4,f5, f6, f7, f8, f9
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     2.36       2.57

FILE 'USPATFULL' ENTERED AT 11:00:08 ON 15 APR 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAPLUS' ENTERED AT 11:00:08 ON 15 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 11:00:08 ON 15 APR 2005

FILE 'DGENE' ENTERED AT 11:00:08 ON 15 APR 2005
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'BIOTECHNO' ENTERED AT 11:00:08 ON 15 APR 2005
COPYRIGHT (C) 2005 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'EMBASE' ENTERED AT 11:00:08 ON 15 APR 2005
COPYRIGHT (C) 2005 Elsevier Inc. All rights reserved.

FILE 'SCISEARCH' ENTERED AT 11:00:08 ON 15 APR 2005
Copyright (c) 2005 The Thomson Corporation

FILE 'BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005
Copyright (c) 2005 The Thomson Corporation

=> s bacteriophage(w)T7 AND conjugate
L2        1078 BACTERIOPHAGE(W) T7 AND CONJUGATE

=> s interferon
L3      642685 INTERFERON

=> s L2 AND L3
L4         446 L2 AND L3

=> s bacteriophage(w)T7(w)protein AND interferon
   4 FILES SEARCHED...
L5           0 BACTERIOPHAGE(W) T7(W) PROTEIN AND INTERFERON

=> dup rem l4
DUPLICATE IS NOT AVAILABLE IN 'DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L4
L6          446 DUP REM L4 (0 DUPLICATES REMOVED)

=> d his

     (FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005)
```

```
     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
     BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
     CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005
               SEA BACTERIOPHAGE(W)T7 AND CONJUGATE
              ---------
               1   FILE AGRICOLA
               1   FILE BIOBUSINESS
               1   FILE BIOENG
               3   FILE BIOSIS
               1   FILE BIOTECHABS
               1   FILE BIOTECHDS
               4   FILE BIOTECHNO
              10   FILE CAPLUS
               6   FILE DGENE
               4   FILE EMBASE
               1   FILE ESBIOBASE
               1   FILE FEDRIP
               1   FILE FSTA
               1   FILE GENBANK
               2   FILE IFIPAT
               1   FILE LIFESCI
               8   FILE MEDLINE
               1   FILE PASCAL
               1   FILE PROMT
               4   FILE SCISEARCH
               3   FILE TOXCENTER
            1039   FILE USPATFULL
              52   FILE USPAT2
L1             QUE BACTERIOPHAGE(W) T7 AND CONJUGATE
              ---------

     FILE 'USPATFULL, CAPLUS, MEDLINE, DGENE, BIOTECHNO, EMBASE, SCISEARCH,
     BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005
L2          1078 S BACTERIOPHAGE(W)T7 AND CONJUGATE
L3        642685 S INTERFERON
L4           446 S L2 AND L3
L5             0 S BACTERIOPHAGE(W)T7(W)PROTEIN AND INTERFERON
L6           446 DUP REM L4 (0 DUPLICATES REMOVED)

=> s wolff,j?/au
L7          6452 WOLFF,J?/AU

=> dup rem L7
DUPLICATE IS NOT AVAILABLE IN 'DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY  23% COMPLETE FOR L7
PROCESSING IS APPROXIMATELY  60% COMPLETE FOR L7
PROCESSING COMPLETED FOR L7
L8          3396 DUP REM L7 (3056 DUPLICATES REMOVED)

=> s L8 AND L6
L9             1 L8 AND L6

=> d  l9 ibib ti abs

L9   ANSWER 1 OF 1  USPATFULL on STN
ACCESSION NUMBER:         2004:39284  USPATFULL
TITLE:                    Compounds for targeting hepatocytes in vivo
INVENTOR(S):              Sokoloff, Alexander V., Madison, WI, UNITED STATES
                          Wong, So, Oregon, WI, UNITED STATES
                            Wolff, Jon A., Madison, WI, UNITED STATES
```

Monahan, Sean D., Madison, WI, UNITED STATES
Ludtke, James, Deerfield, WI, UNITED STATES
Higgs, Lori, Madison, WI, UNITED STATES
Wakefield, Darren, Fitchburg, WI, UNITED STATES
Sebestyen, Magdolna G., Madison, WI, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004029826	A1	20040212	
APPLICATION INFO.:	US 2003-633808	A1	20030804	(10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-401167P	20020805 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Mark K. Johnson, Mirus Corporation, 505 S. Rosa Rd., Madison, WI, 53719
NUMBER OF CLAIMS: 30
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)
LINE COUNT: 2191
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Compounds for targeting hepatocytes in vivo
AB We describe compounds that bind to and are internalized by hepatocytes. Association of these compounds to other molecules or complexes can be used to target the molecules or complexes to hepatocytes in vivo or in vitro.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005
SEA BACTERIOPHAGE(W)T7 AND CONJUGATE

1	FILE AGRICOLA
1	FILE BIOBUSINESS
1	FILE BIOENG
3	FILE BIOSIS
1	FILE BIOTECHABS
1	FILE BIOTECHDS
4	FILE BIOTECHNO
10	FILE CAPLUS
6	FILE DGENE
4	FILE EMBASE
1	FILE ESBIOBASE
1	FILE FEDRIP
1	FILE FSTA
1	FILE GENBANK
2	FILE IFIPAT
1	FILE LIFESCI
8	FILE MEDLINE
1	FILE PASCAL
1	FILE PROMT
4	FILE SCISEARCH
3	FILE TOXCENTER

```
            1039   FILE USPATFULL
              52   FILE USPAT2
L1              QUE BACTERIOPHAGE(W) T7 AND CONJUGATE
                ---------

     FILE 'USPATFULL, CAPLUS, MEDLINE, DGENE, BIOTECHNO, EMBASE, SCISEARCH,
     BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005
L2          1078 S BACTERIOPHAGE(W)T7 AND CONJUGATE
L3        642685 S INTERFERON
L4           446 S L2 AND L3
L5             0 S BACTERIOPHAGE(W)T7(W)PROTEIN AND INTERFERON
L6           446 DUP REM L4 (0 DUPLICATES REMOVED)
L7          6452 S WOLFF,J?/AU
L8          3396 DUP REM L7 (3056 DUPLICATES REMOVED)
L9             1 S L8 AND L6

=> s covalent AND L4
L10          332 COVALENT AND L4

=> s hepatocyte AND L10
L11          177 HEPATOCYTE AND L10

=> dup rem L11
DUPLICATE IS NOT AVAILABLE IN 'DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L11
L12          177 DUP REM L11 (0 DUPLICATES REMOVED)

=> d his

     (FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005)

     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
     BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
     CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005
               SEA BACTERIOPHAGE(W)T7 AND CONJUGATE
               ---------
               1   FILE AGRICOLA
               1   FILE BIOBUSINESS
               1   FILE BIOENG
               3   FILE BIOSIS
               1   FILE BIOTECHABS
               1   FILE BIOTECHDS
               4   FILE BIOTECHNO
              10   FILE CAPLUS
               6   FILE DGENE
               4   FILE EMBASE
               1   FILE ESBIOBASE
               1   FILE FEDRIP
               1   FILE FSTA
               1   FILE GENBANK
               2   FILE IFIPAT
               1   FILE LIFESCI
               8   FILE MEDLINE
               1   FILE PASCAL
               1   FILE PROMT
               4   FILE SCISEARCH
               3   FILE TOXCENTER
            1039   FILE USPATFULL
              52   FILE USPAT2
L1              QUE BACTERIOPHAGE(W) T7 AND CONJUGATE
                ---------
```

```
     FILE 'USPATFULL, CAPLUS, MEDLINE, DGENE, BIOTECHNO, EMBASE, SCISEARCH,
     BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005
L2          1078 S BACTERIOPHAGE(W)T7 AND CONJUGATE
L3        642685 S INTERFERON
L4           446 S L2 AND L3
L5             0 S BACTERIOPHAGE(W)T7(W)PROTEIN AND INTERFERON
L6           446 DUP REM L4 (0 DUPLICATES REMOVED)
L7          6452 S WOLFF,J?/AU
L8          3396 DUP REM L7 (3056 DUPLICATES REMOVED)
L9             1 S L8 AND L6
L10          332 S COVALENT AND L4
L11          177 S HEPATOCYTE AND L10
L12          177 DUP REM L11 (0 DUPLICATES REMOVED)

=> d l12 ibib ti abs 170-177

L12  ANSWER 170 OF 177  USPATFULL on STN
ACCESSION NUMBER:       2002:16878  USPATFULL
TITLE:                  Compositions and methods for the therapy and diagnosis
                        of lung cancer
INVENTOR(S):            Harlocker, Susan L., Seattle, WA, UNITED STATES
                        Wang, Tongtong, Medina, WA, UNITED STATES
                        Bangur, Chaitanya S., Seattle, WA, UNITED STATES
                        Klee, Jennifer I., Seattle, WA, UNITED STATES
                        Switzer, Ann, Seattle, WA, UNITED STATES

                             NUMBER       KIND    DATE
                        --------------- ------ --------
PATENT INFORMATION:     US 2002009758      A1   20020124
APPLICATION INFO.:      US 2001-866562     A1   20010525  (9)

                               NUMBER        DATE
                        ------------------ --------
PRIORITY INFORMATION:   US 2000-207485P    20000526 (60)
                        US 2000-230475P    20000906 (60)
DOCUMENT TYPE:          Utility
FILE SEGMENT:           APPLICATION
LEGAL REPRESENTATIVE:   SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH
                        AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS:       17
EXEMPLARY CLAIM:        1
LINE COUNT:             7045
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI     Compositions and methods for the therapy and diagnosis of lung cancer
AB     Compositions and methods for the therapy and diagnosis of cancer,
       particularly lung cancer, are disclosed. Illustrative compositions
       comprise one or more lung tumor polypeptides, immunogenic portions
       thereof, polynucleotides that encode such polypeptides, antigen
       presenting cell that expresses such polypeptides, and T cells that are
       specific for cells expressing such polypeptides. The disclosed
       compositions are useful, for example, in the diagnosis, prevention
       and/or treatment of diseases, particularly lung cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12  ANSWER 171 OF 177  USPATFULL on STN
ACCESSION NUMBER:       2001:191105  USPATFULL
TITLE:                  Agouti polypeptide compositions
INVENTOR(S):            Woychik, Richard P., Orinda, CA, United States
                        Bultman, Scott J., Lakewood, OH, United States
                        Michaud, Edward J., Kingston, TN, United States
PATENT ASSIGNEE(S):     UT-Battelle, LLC, Oak Ridge, TN, United States (U.S.
```

corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6310034	B1	20011030
APPLICATION INFO.:	US 1998-34088		19980303 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1993-64385, filed on 21 May 1993, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kammerer, Elyabik C.
LEGAL REPRESENTATIVE: Williams, Morgan & Amerson
NUMBER OF CLAIMS: 34
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 83 Drawing Figure(s); 41 Drawing Page(s)
LINE COUNT: 10935
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Agouti polypeptide compositions
AB Disclosed are methods and compositions comprising novel agouti polypeptides and the polynucleotides which encode them. Also disclosed are DNA segments encoding these proteins derived from human and murine cell lines, and the use of these polynucleotides and polypeptides in a variety of diagnostic and therapeutic applications. Methods, compositions, kits, and devices are also provided for identifying compounds which are inhibitors of agouti activity, and for altering fatty acid synthetase activity and intracellular calcium levels in transformed cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 172 OF 177 USPATFULL on STN
ACCESSION NUMBER: 2000:61580 USPATFULL
TITLE: Method for using lipoprotein associated coagulation inhibitor to treat sepsis
INVENTOR(S): Creasey, Abla A., Piedmont, CA, United States
Broze, George J., Ladue, MO, United States
PATENT ASSIGNEE(S): Washington University & Chiron Corp., United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6063764		20000516
APPLICATION INFO.:	US 1995-472761		19950607 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-224118, filed on 29 Mar 1994, now abandoned which is a continuation of Ser. No. US 1993-20427, filed on 22 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-897135, filed on 11 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-253427, filed on 2 Jun 1994, now abandoned which is a continuation of Ser. No. US 1993-4505, filed on 13 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-270455, filed on 5 Jul 1994, now abandoned which is a continuation of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Tsang, Cecilia
ASSISTANT EXAMINER: Delacroix-Muirheid, C.
LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.
NUMBER OF CLAIMS: 45

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 5 Drawing Page(s)
LINE COUNT: 2568
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Method for using lipoprotein associated coagulation inhibitor to treat sepsis
AB A method for prophylactically or therapeutically treating sepsis or septic shock is described, wherein an inhibitor to tissue factor is administered to septic patients. Additionally, a method for treating inflammation is described wherein the inhibitor is administered to pateints. This inhibitor is termed lipoprotein associated coagulation inhibitor, or commonly LACI. It is 38 kD and has 276 amino acids. LACI has now been shown to be useful for the treatment of sepsis, septic shock and inflammation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 173 OF 177 USPATFULL on STN
ACCESSION NUMBER: 2000:43946 USPATFULL
TITLE: Human PAK65
INVENTOR(S): Abo, Arie, San Francisco, CA, United States
Martin, George A., Berkeley, CA, United States
PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., Richmond, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6048706		20000411
APPLICATION INFO.:	US 1998-108262		19980701 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1997-918509, filed on 22 Aug 1997 which is a continuation of Ser. No. US 1997-780853, filed on 10 Jan 1997, now patented, Pat. No. US 5698428, issued on 16 Dec 1997 which is a continuation of Ser. No. US 1995-475682, filed on 7 Jun 1995, now patented, Pat. No. US 5605825, issued on 25 Feb 1997 which is a continuation of Ser. No. US 1995-369780, filed on 6 Jan 1995, now patented, Pat. No. US 5518911, issued on 21 May 1996
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Hobbs, Lisa J.
LEGAL REPRESENTATIVE: Giotta, Gregory, Ashton, Esq., Nina M.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 3072
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Human PAK65
AB A novel human serine protein kinase, human p21-protein activated serine kinase p65 protein, referred to as hPAK65, and methods for its preparation and use are provided. Nucleic acids encoding hPAK65 and methods for their use in preparing hPAK65 as well as in preparing and identifying hPAK65 analogs are provided. Methods provided for the use of hPAK65 protein and its protein fragments, such as those that retain at least one hPAK65 activity, that include screening libraries of agents for candidates that modulate hPAK65 activity. Methods are provided to identify agents that modulate the interaction of hPAK65 with rho-like p21 GTPases, particularly rac1 and CDC42Hs binding to hPAK65 and subsequent activation of hPAK65 serine protein kinase activity, that modulate hPAK65 serine protein kinase activity, and that modulate hPAK65 effect on p21 protein GTPase activity. Such modulating agents can provide novel chemotherapeutic agents for treatment of neoplasia, lymphoproliferative conditions, arthritis, inflammation, autoimmune

diseases, apoptosis, and the like, that are related to hPAK65 and p21 protein signal transduction pathways.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 174 OF 177 USPATFULL on STN
ACCESSION NUMBER: 2000:4627 USPATFULL
TITLE: Human PAK65
INVENTOR(S): Abo, Arie, San Francisco, CA, United States
Martin, George A., Berkeley, CA, United States
PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., Richmond, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6013464		20000111
APPLICATION INFO.:	US 1997-918509		19970822 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1997-780833, filed on 10 Jan 1997, now patented, Pat. No. US 5698428 which is a continuation of Ser. No. US 1995-475682, filed on 7 Jun 1995, now patented, Pat. No. US 5605825 which is a continuation of Ser. No. US 1995-369780, filed on 6 Jan 1995, now patented, Pat. No. US 5518911
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Stole, Einar
LEGAL REPRESENTATIVE: Cooley Godward LLP, Giotta, Gregory J.
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 3103
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Human PAK65
AB A novel human serine protein kinase, human p21-protein activated serine kinase p65 protein, referred to as hPAK65, and methods for its preparation and use are provided. Nucleic acids encoding hPAK65 and methods for their use in preparing hPAK65 as well as in preparing and identifying hPAK65 analogs are provided. Methods provided for the use of hPAK65 protein and its protein fragments, such as those that retain at least one hPAK65 activity, that include screening libraries of agents for candidates that modulate hPAK65 activity. Methods are provided to identify agents that modulate the interaction of hPAK65 with rho-like p21 GTPases, particularly rac 1 and CDC42Hs binding to hPAK65 and subsequent activation of hPAK65 serine protein kinase activity, that modulate hPAK65 serine protein kinase activity, and that modulate hPAK65 effect on p21 protein GTPase activity. Such modulating agents can provide novel chemotherapeutic agents for treatment of neoplasia, lymphoproliferative conditions, arthritis, inflammation, autoimmune diseases, apoptosis, and the like, that are related to hPAK65 and p21 protein signal transduction pathways.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 175 OF 177 USPATFULL on STN
ACCESSION NUMBER: 97:117938 USPATFULL
TITLE: Human PAK65
INVENTOR(S): Abo, Arie, San Francisco, CA, United States
Martin, George A., Berkeley, CA, United States
PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., Richmond, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5698445		19971216
APPLICATION INFO.:	US 1996-636036		19960422 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-369780, filed on 6 Jan 1995, now patented, Pat. No. US 5518911
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Hobbs, Lisa J.
LEGAL REPRESENTATIVE: Ashton, Nina M., Giotta, Gregory J.Onyx Pharmaceuticals, Inc.
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 2965
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Human PAK65
AB A novel human serine protein kinase, human p21-protein activated serine kinase p65 protein, referred to as hPAK65, and methods for its preparation and use are provided. Nucleic acids encoding hPAK65 and methods for their use in preparing hPAK65 as well as in preparing and identifying hPAK65 analogs are provided. Methods provided for the use of hPAK65 protein and its protein fragments, such as those that retain at least one hPAK65 activity, that include screening libraries of agents for candidates that modulate hPAK65 activity. Methods are provided to identify agents that modulate the interaction of hPAK65 with rho-like p21 GTPases, particularly rac1 and CDC42Hs binding to hPAK65 and subsequent activation of hPAK65 serine protein kinase activity, that modulate hPAK65 serine protein kinase activity, and that modulate hPAK65 effect on p21 protein GTPase activity. Such modulating agents can provide novel chemotherapeutic agents for treatment of neoplasia, lymphoproliferative conditions, arthritis, inflammation, autoimmune diseases, apoptosis, and the like, that are related to hPAK65 and p21 protein signal transduction pathways.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 176 OF 177 USPATFULL on STN
ACCESSION NUMBER: 97:117922 USPATFULL
TITLE: Human PAK65
INVENTOR(S): Abo, Arie, San Francisco, CA, United States
Martin, George A., Berkeley, CA, United States
PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., Richmond, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5698428		19971216
APPLICATION INFO.:	US 1997-780833		19970110 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-475682, filed on 7 Jun 1995, now patented, Pat. No. US 5605825 which is a continuation of Ser. No. US 1995-369780, filed on 6 Jan 1995, now patented, Pat. No. US 5518911
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Hobbs, Lisa J.
LEGAL REPRESENTATIVE: Ashton, Nina M., Giotta, Ph.D. FI Onyx Pharmaceuticals Inc., Gregory J.
NUMBER OF CLAIMS: 37
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 2970

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Human PAK65

AB A novel human serine protein kinase, human p21-protein activated serine kinase p65 protein, referred to as hPAK65, and methods for its preparation and use are provided. Nucleic acids encoding hPAK65 and methods for their use in preparing hPAK65 as well as in preparing and identifying hPAK65 analogs are provided. Methods provided for the use of hPAK65 protein and its protein fragments, such as those that retain at least one hPAK65 activity, that include screening libraries of agents for candidates that modulate hPAK65 activity. Methods are provided to identify agents that modulate the interaction of hPAK65 with rho-like p21 GTPases, particularly rac1 and CDC42Hs binding to hPAK65 and subsequent activation of hPAK65 serine protein kinase activity, that modulate hPAK65 serine protein kinase activity, and that modulate hPAK65 effect on p21 protein GTPase activity. Such modulating agents can provide novel chemotherapeutic agents for treatment of neoplasia, lymphoproliferative conditions, arthritis, inflammation, autoimmune diseases, apoptosis, and the like, that are related to hPAK65 and p21 protein signal transduction pathways.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 177 OF 177 USPATFULL on STN
ACCESSION NUMBER: 96:43564 USPATFULL
TITLE: Human PAK65
INVENTOR(S): Abo, Arie, San Francisco, CA, United States
Martin, George A., Berkeley, CA, United States
PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., Richmond, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5518911		19960521	
APPLICATION INFO.:	US 1995-369780		19950106	(8)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Hobbs, Lisa J.
LEGAL REPRESENTATIVE: Giotta, Greg, Mendlein, John D., Torchia, Timothy E.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 2892

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Human PAK65

AB A novel human serine protein kinase, human p21-protein activated serine kinase p65 protein, referred to as hPAK65, and methods for its preparation and use are provided. Nucleic acids encoding hPAK65 and methods for their use in preparing hPAK65 as well as in preparing and identifying hPAK65 analogs are provided. Methods provided for the use of hPAK65 protein and its protein fragments, such as those that retain at least one hPAK65 activity, that include screening libraries of agents for candidates that modulate hPAK65 activity. Methods are provided to identify agents that modulate the interaction of hPAK65 with rho-like p21 GTPases, particularly rac1 and CDC42Hs binding to hPAK65 and subsequent activation of hPAK65 serine protein kinase activity, that modulate hPAK65 serine protein kinase activity, and that modulate hPAK65 effect on p21 protein GTPase activity. Such modulating agents can provide novel chemotherapeutic agents for treatment of neoplasia, lymphoproliferative conditions, arthritis, inflammation, autoimmune diseases, apoptosis, and the like, that are related to hPAK65 and p21 protein signal transduction pathways.

```
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d his

     (FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005)

     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
     BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
     CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005
               SEA BACTERIOPHAGE(W)T7 AND CONJUGATE
              ---------
              1    FILE AGRICOLA
              1    FILE BIOBUSINESS
              1    FILE BIOENG
              3    FILE BIOSIS
              1    FILE BIOTECHABS
              1    FILE BIOTECHDS
              4    FILE BIOTECHNO
             10    FILE CAPLUS
              6    FILE DGENE
              4    FILE EMBASE
              1    FILE ESBIOBASE
              1    FILE FEDRIP
              1    FILE FSTA
              1    FILE GENBANK
              2    FILE IFIPAT
              1    FILE LIFESCI
              8    FILE MEDLINE
              1    FILE PASCAL
              1    FILE PROMT
              4    FILE SCISEARCH
              3    FILE TOXCENTER
           1039    FILE USPATFULL
             52    FILE USPAT2
L1              QUE BACTERIOPHAGE(W) T7 AND CONJUGATE
              ---------

     FILE 'USPATFULL, CAPLUS, MEDLINE, DGENE, BIOTECHNO, EMBASE, SCISEARCH,
     BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005
L2          1078 S BACTERIOPHAGE(W)T7 AND CONJUGATE
L3        642685 S INTERFERON
L4           446 S L2 AND L3
L5             0 S BACTERIOPHAGE(W)T7(W)PROTEIN AND INTERFERON
L6           446 DUP REM L4 (0 DUPLICATES REMOVED)
L7          6452 S WOLFF,J?/AU
L8          3396 DUP REM L7 (3056 DUPLICATES REMOVED)
L9             1 S L8 AND L6
L10          332 S COVALENT AND L4
L11          177 S HEPATOCYTE AND L10
L12          177 DUP REM L11 (0 DUPLICATES REMOVED)

=> s drug AND targeting AND conjugate AND interferon AND T7
   6 FILES SEARCHED...
L13         4481 DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7

=> s drug AND targeting AND conjugate AND interferon AND T7(w)protein
   4 FILES SEARCHED...
   6 FILES SEARCHED...
L14            8 DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7(W) PROTEI
                 N
```

```
=> d his

     (FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005)

     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
     BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
     CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005
               SEA BACTERIOPHAGE(W)T7 AND CONJUGATE
              ---------
                1   FILE AGRICOLA
                1   FILE BIOBUSINESS
                1   FILE BIOENG
                3   FILE BIOSIS
                1   FILE BIOTECHABS
                1   FILE BIOTECHDS
                4   FILE BIOTECHNO
               10   FILE CAPLUS
                6   FILE DGENE
                4   FILE EMBASE
                1   FILE ESBIOBASE
                1   FILE FEDRIP
                1   FILE FSTA
                1   FILE GENBANK
                2   FILE IFIPAT
                1   FILE LIFESCI
                8   FILE MEDLINE
                1   FILE PASCAL
                1   FILE PROMT
                4   FILE SCISEARCH
                3   FILE TOXCENTER
             1039   FILE USPATFULL
               52   FILE USPAT2
L1               QUE BACTERIOPHAGE(W) T7 AND CONJUGATE
                 ---------

     FILE 'USPATFULL, CAPLUS, MEDLINE, DGENE, BIOTECHNO, EMBASE, SCISEARCH,
     BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005
L2          1078 S BACTERIOPHAGE(W)T7 AND CONJUGATE
L3        642685 S INTERFERON
L4           446 S L2 AND L3
L5             0 S BACTERIOPHAGE(W)T7(W)PROTEIN AND INTERFERON
L6           446 DUP REM L4 (0 DUPLICATES REMOVED)
L7          6452 S WOLFF,J?/AU
L8          3396 DUP REM L7 (3056 DUPLICATES REMOVED)
L9             1 S L8 AND L6
L10          332 S COVALENT AND L4
L11          177 S HEPATOCYTE AND L10
L12          177 DUP REM L11 (0 DUPLICATES REMOVED)
L13         4481 S DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7
L14            8 S DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7(W)PROT

=> dup rem L14
DUPLICATE IS NOT AVAILABLE IN 'DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L14
L15            8 DUP REM L14 (0 DUPLICATES REMOVED)

=> d his

     (FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005)

     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
```

```
     AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
     BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
     CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005
               SEA BACTERIOPHAGE(W)T7 AND CONJUGATE
               ---------
               1   FILE AGRICOLA
               1   FILE BIOBUSINESS
               1   FILE BIOENG
               3   FILE BIOSIS
               1   FILE BIOTECHABS
               1   FILE BIOTECHDS
               4   FILE BIOTECHNO
              10   FILE CAPLUS
               6   FILE DGENE
               4   FILE EMBASE
               1   FILE ESBIOBASE
               1   FILE FEDRIP
               1   FILE FSTA
               1   FILE GENBANK
               2   FILE IFIPAT
               1   FILE LIFESCI
               8   FILE MEDLINE
               1   FILE PASCAL
               1   FILE PROMT
               4   FILE SCISEARCH
               3   FILE TOXCENTER
            1039   FILE USPATFULL
              52   FILE USPAT2
L1             QUE BACTERIOPHAGE(W) T7 AND CONJUGATE
               ---------

     FILE 'USPATFULL, CAPLUS, MEDLINE, DGENE, BIOTECHNO, EMBASE, SCISEARCH,
     BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005
L2          1078 S BACTERIOPHAGE(W)T7 AND CONJUGATE
L3        642685 S INTERFERON
L4           446 S L2 AND L3
L5             0 S BACTERIOPHAGE(W)T7(W)PROTEIN AND INTERFERON
L6           446 DUP REM L4 (0 DUPLICATES REMOVED)
L7          6452 S WOLFF,J?/AU
L8          3396 DUP REM L7 (3056 DUPLICATES REMOVED)
L9             1 S L8 AND L6
L10          332 S COVALENT AND L4
L11          177 S HEPATOCYTE AND L10
L12          177 DUP REM L11 (0 DUPLICATES REMOVED)
L13         4481 S DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7
L14            8 S DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7(W)PROT
L15            8 DUP REM L14 (0 DUPLICATES REMOVED)

=> d l15 ibib ti abs 1-8

L15  ANSWER 1 OF 8  USPATFULL on STN
ACCESSION NUMBER:         2004:286246  USPATFULL
TITLE:                    THAP proteins as nuclear receptors for chemokines and
                          roles in transcriptional regulation, cell proliferation
                          and cell differentiation
INVENTOR(S):              Girard, Jean-Philippe, Rebigue, FRANCE
                          Amalric, Francois, Toulouse, FRANCE
                          Roussigne, Myriam, La Bastide sur L'Hers, FRANCE
                          Clouaire, Thomas, Toulouse, FRANCE

                               NUMBER        KIND    DATE
                          ---------------- ------ --------
PATENT INFORMATION:       US 2004224408      A1   20041111
```

APPLICATION INFO.: US 2003-733878 A1 20031210 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-485027P	20030703 (60)
	US 2002-432699P	20021210 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614
NUMBER OF CLAIMS: 212
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 36 Drawing Page(s)
LINE COUNT: 14467
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI THAP proteins as nuclear receptors for chemokines and roles in transcriptional regulation, cell proliferation and cell differentiation

AB The invention relates to genes and proteins of the THAP family comprising a THAP domain, and their use in diagnostics, treatment of disease, and in the identification of molecules for the treatment of disease. The invention also relates to uses of THAP-type chemokine-binding agents, such as THAP-family proteins, as a nuclear receptors for a chemokines and to methods for the modulation (stimulation or inhibition) of transcription, cell proliferation and cell differentiation as well as methods for identifying for compounds which modulate THAP-chemokine interactions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 2 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2004:144517 USPATFULL
TITLE: Novel streptococcus pneumoniae open reading frames encoding polypeptide antigens and uses thereof
INVENTOR(S): Zagursky, Robert John, Victor, NY, UNITED STATES
Masi, Amy Wadhams, Caledonia, NY, UNITED STATES
Green, Bruce Arthur, New City, NY, UNITED STATES
Chakravarti, Deb Narayan, Claremont, CA, UNITED STATES
Russell, David Parrish, Canandaigua, NY, UNITED STATES
Wooters, Joseph Lawrence, Brighton, MA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004110181	A1	20040610	
APPLICATION INFO.:	US 2004-474776	A1	20040105	(10)
	WO 2002-US11524		20020412	

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: WYETH, PATENT LAW GROUP, FIVE GIRALDA FARMS, MADISON, NJ, 07940
NUMBER OF CLAIMS: 105
EXEMPLARY CLAIM: 1
LINE COUNT: 6388
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Novel streptococcus pneumoniae open reading frames encoding polypeptide antigens and uses thereof

AB The present invention relates to newly identified open reading frames comprised within the genomic nucleotide sequence of Streptococcus pneumoniae, wherein the open reading frames encode polypeptides that are surface localized on Streptococcus pneumoniae. Thus, the invention relates to Streptococcus pneumoniae open reading frames that encode polypeptide antigens, polypeptides, preferably antigenic polypeptides, encoded by the Streptococcus pneumoniae open reading frames, vectors comprising open reading frame sequences and cells or animals transformed

with these vectors. The invention relates also to methods of detecting these nucleic acids or polypeptides and kits for diagnosing Streptococcus pneumoniae infection. The invention finally relates to pharmaceutical compositions, in particular immunogenic compositions, for the prevention and/or treatment of bacterial infection, in particular infections with Streptococcus pneumoniae. In particular embodiments, the immunogenic compositions are used for the treatment or prevention of systemic diseases which are induced or exacerbated by Streptococcus pneumoniae. In other embodiments, the immunogenic compositions are used for the treatment or prevention of non-systemic diseases, particularly of the otitis media, which are induced or exacerbated by Streptococcus pneumoniae.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 3 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2004:50778 USPATFULL
TITLE: Gene expression in bladder tumors
INVENTOR(S): Orntoft, Torben F., Aabyhoj, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004038207	A1	20040226
APPLICATION INFO.:	US 2001-951968	A1	20010914 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 2000-510643, filed on 22 Feb 2000, UNKNOWN
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BANNER & WITCOFF, 1001 G STREET N W, SUITE 1100, WASHINGTON, DC, 20001
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 15 Drawing Page(s)
LINE COUNT: 28561
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Gene expression in bladder tumors
AB Methods for analyzing tumor cells, particularly bladder tumor cells employ gene expression analysis of samples. Gene expression patterns are formed and compared to reference patterns. Alternatively gene expression patterns are manipulated to exclude genes which are expressed in contaminating cell populations. Another alternative employs subtraction of the expression of genes which are expressed in contaminating cell types. These methods provide improved accuracy as well as alternative basis for analysis from diagnostic and prognostic tools currently available.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 4 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2003:237907 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of colon cancer
INVENTOR(S): King, Gordon E., Shoreline, WA, UNITED STATES
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES
Xu, Jiangchun, Bellevue, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES
Jiang, Yuqiu, Kent, WA, UNITED STATES
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166064	A1	20030904

APPLICATION INFO.: US 2002-99926 A1 20020314 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-33528, filed on 26 Dec 2001, PENDING Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 2001, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-302051P	20010629 (60)
	US 2001-279763P	20010328 (60)
	US 2000-223283P	20000803 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
LINE COUNT: 8531
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Compositions and methods for the therapy and diagnosis of colon cancer
AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 5 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2003:106233 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of pancreatic cancer
INVENTOR(S): Benson, Darin R., Seattle, WA, UNITED STATES
Kalos, Michael D., Seattle, WA, UNITED STATES
Lodes, Michael J., Seattle, WA, UNITED STATES
Persing, David H., Redmond, WA, UNITED STATES
Hepler, William T., Seattle, WA, UNITED STATES
Jiang, Yuqiu, Kent, WA, UNITED STATES
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003073144	A1	20030417	
APPLICATION INFO.:	US 2002-60036	A1	20020130	(10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-333626P	20011127 (60)
	US 2001-305484P	20010712 (60)
	US 2001-265305P	20010130 (60)
	US 2001-267568P	20010209 (60)
	US 2001-313999P	20010820 (60)
	US 2001-291631P	20010516 (60)
	US 2001-287112P	20010428 (60)
	US 2001-278651P	20010321 (60)
	US 2001-265682P	20010131 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
LINE COUNT: 14253
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Compositions and methods for the therapy and diagnosis of pancreatic cancer
AB Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 6 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2002:243051 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of ovarian cancer
INVENTOR(S): Algate, Paul A., Issaquah, WA, UNITED STATES
Jones, Robert, Seattle, WA, UNITED STATES
Harlocker, Susan L., Seattle, WA, UNITED STATES
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002132237	A1	20020919	
APPLICATION INFO.:	US 2001-867701	A1	20010529	(9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-207484P	20000526 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 25718
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Compositions and methods for the therapy and diagnosis of ovarian cancer
AB Compositions and methods for the therapy and diagnosis of cancer, particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly ovarian cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 7 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2002:242791 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of colon cancer
INVENTOR(S): King, Gordon E., Shoreline, WA, UNITED STATES
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES
Xu, Jiangchun, Bellevue, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002131971	A1	20020919
APPLICATION INFO.:	US 2001-33528	A1	20011226 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 2001, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-302051P	20010629 (60)
	US 2001-279763P	20010328 (60)
	US 2000-223283P	20000803 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
LINE COUNT: 8083
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Compositions and methods for the therapy and diagnosis of colon cancer
AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 8 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2002:67187 USPATFULL
TITLE: Novel P-selectin glycoprotein ligand (PSGL-1) binding protein and uses therefor
INVENTOR(S): Lorenz, Meike, Arlington, MA, UNITED STATES
Kriz, Ron, Hudson, MA, UNITED STATES
Weich, Nadine, Brookline, MA, UNITED STATES
Shaw, Gray D., Milton, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002037840	A1	20020328
	US 6852497	B2	20050208
APPLICATION INFO.:	US 2001-816697	A1	20010323 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-192104P	20000324 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 3996
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
TI Novel P-selectin glycoprotein ligand (PSGL-1) binding protein and uses therefor

AB The invention provides isolated nucleic acids molecules, designated SLIC-1 nucleic acid molecules, which encode novel P-selectin glycoprotein ligand (PSGL-1) binding molecules. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing SLIC-1 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a SLIC-1 gene has been introduced or disrupted. The invention still further provides isolated SLIC-1 proteins, fusion proteins, antigenic peptides and anti-SLIC-1 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 10:57:53 ON 15 APR 2005)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:58:01 ON 15 APR 2005

SEA BACTERIOPHAGE(W)T7 AND CONJUGATE

1	FILE AGRICOLA
1	FILE BIOBUSINESS
1	FILE BIOENG
3	FILE BIOSIS
1	FILE BIOTECHABS
1	FILE BIOTECHDS
4	FILE BIOTECHNO
10	FILE CAPLUS
6	FILE DGENE
4	FILE EMBASE
1	FILE ESBIOBASE
1	FILE FEDRIP
1	FILE FSTA
1	FILE GENBANK
2	FILE IFIPAT
1	FILE LIFESCI
8	FILE MEDLINE
1	FILE PASCAL
1	FILE PROMT
4	FILE SCISEARCH
3	FILE TOXCENTER
1039	FILE USPATFULL
52	FILE USPAT2

L1 QUE BACTERIOPHAGE(W) T7 AND CONJUGATE

FILE 'USPATFULL, CAPLUS, MEDLINE, DGENE, BIOTECHNO, EMBASE, SCISEARCH, BIOSIS' ENTERED AT 11:00:08 ON 15 APR 2005

L2	1078	S BACTERIOPHAGE(W)T7 AND CONJUGATE
L3	642685	S INTERFERON
L4	446	S L2 AND L3
L5	0	S BACTERIOPHAGE(W)T7(W)PROTEIN AND INTERFERON
L6	446	DUP REM L4 (0 DUPLICATES REMOVED)
L7	6452	S WOLFF,J?/AU
L8	3396	DUP REM L7 (3056 DUPLICATES REMOVED)
L9	1	S L8 AND L6
L10	332	S COVALENT AND L4
L11	177	S HEPATOCYTE AND L10
L12	177	DUP REM L11 (0 DUPLICATES REMOVED)

```
L13         4481 S DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7
L14            8 S DRUG AND TARGETING AND CONJUGATE AND INTERFERON AND T7(W)PROT
L15            8 DUP REM L14 (0 DUPLICATES REMOVED)

=>

---Logging off of STN---


=>
Executing the logoff script...


=> LOG Y

COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                       109.48     112.05

STN INTERNATIONAL LOGOFF AT 11:20:10 ON 15 APR 2005
```